Index of Claims

| App | lication | n/Control | No. |
|-----|----------|-----------|-----|

09/982,620

Examiner

Jason T. Whipkey

Applicant(s)/Patent under Reexamination

LIN ET AL. Art Unit

2612

|  | √ | Rejected |
|--|---|----------|
|  | 1 | Allowed  |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| _ | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

| Cla                  | aim      |              |                 |          | Da           | ate     |         |                    |              | ]        | Cla   | im        |                         |         |                 | ate           |         |                 |          | [          | Cla    | aim        |                 |         |                    | Date   | e               |                 | _              |          |
|----------------------|----------|--------------|-----------------|----------|--------------|---------|---------|--------------------|--------------|----------|-------|-----------|-------------------------|---------|-----------------|---------------|---------|-----------------|----------|------------|--------|------------|-----------------|---------|--------------------|--|-----------------|-----------------|----------------|----------|
| _                    | <u>8</u> | 105          |                 | l        |              |         |         |                    |              | ١.       | _     | ल         |                         |         |                 |               | -       |                 |          |            | _      | ਰ          |                 |         |                    |  |                 |                 | ſ              |          |
| Final                | Original | 10           | ↓               | ŀ        | - 1          |         |         |                    |              | ľ        | Final | Original  |                         |         |                 |               | 1       |                 |          |            | Final  | Original   |                 |         |                    |  |                 |                 |                |          |
| ۳ ا                  | ö-       | 1            | <b>↓</b>        | ļ        |              |         | ı       | İ                  |              |          | ш     | ō         |                         |         |                 |               |         |                 | - 1      |            | ш      | Ö          | - 1             | ı       |                    |  |                 |                 |                |          |
|                      | 1        | 9            |                 | $\dashv$ | +            | +-      |         |                    | ├            | 1        |       | 51        |                         | +       | $\vdash$        | $\dashv$      | +       | $\vdash$        | $\dashv$ | î,         |        | 101        | +               | -       | +                  | ┼  | -               |                 | -              | $\dashv$ |
|                      | 2        |              | $\vdash$        | $\dashv$ | +            | +       | +       | +                  | ┢            | 1        |       | 52        | $\vdash$                | +       | $\vdash$        | -+            |         | ╁╾┼             | ᅱ        |            |        | 102        | $\dashv$        | +       | +                  | $\vdash$   | $\vdash$        | $\vdash$        | $\dashv$       | ᅱ        |
|                      | 3        | V            |                 | $\dashv$ | +            | +       | +       | ╁                  | ┢            | 4        |       | 53        | $\vdash$                |         |                 | -+            |         | ╁╌╁             | $\dashv$ | •          |        | 103        | -+              | +       | +                  | +  | $\vdash$        | $\vdash$        | $\dashv$       | ᅱ        |
|                      | 4        | 0            |                 | +        | -            | +       | +       | +                  | H            |          |       | 54        | $\vdash$                |         | $\vdash$        | $\dashv$      | +       | 1 1             | 一        |            |        | 104        | $\dashv$        | +       | +                  | ╁  | $\vdash$        | Н               | -+             | $\dashv$ |
|                      | 5        | 0            |                 | $\dashv$ |              | 十       | $\top$  | 十                  | T            | 1        |       | 55        | H                       | 1       | Н               | $\dashv$      |         | H               | ᅥ        | ł          |        | 105        | $\neg \vdash$   | +       |                    |  |                 | H               | <del>- †</del> | $\dashv$ |
|                      |          | 0            |                 |          | $\dashv$     | T       | T       | $\top$             | T            |          |       | 56        |                         | $\top$  | H               | 寸             |         | $\Box$          | 一        |            |        | 106        |                 | $\top$  | T                  |  |                 |                 | 寸              | ヿ        |
|                      | 7        | 0            | П               |          |              |         | T       |                    |              | 1        |       | 57        |                         |         | $\Box$          |               |         | $\Box$          | $\neg$   | , .        |        | 107        |                 |         | Т                  |  |                 | П               | ╛              | $\neg$   |
|                      | 8        | 00000        |                 |          |              |         |         |                    |              |          |       | 58        |                         |         |                 |               |         |                 |          |            |        | 108        |                 |         |                    |  |                 |                 | T              | $\neg$   |
|                      | 9        | 0            |                 |          |              |         | $\perp$ |                    |              | ]        |       | 59        |                         |         |                 |               |         |                 |          | <u>.</u> [ |        | 109        |                 |         |                    |  |                 |                 |                |          |
|                      | 10       | 0            |                 |          |              | ┸       | $\perp$ |                    |              | ]        |       | 60        | $\sqcup$                |         |                 |               |         |                 |          | 1          |        | 110        |                 |         |                    | L.   |                 |                 | $\Box$         |          |
| <u> </u>             | 11       | 0            | Ш               |          |              | $\perp$ | $\perp$ | _                  | _            |          |       | 61        | $\sqcup \!\!\!\! \perp$ | _ _     |                 | _             | $\perp$ | $\sqcup$        | _        |            |        | 111        | $\perp$         | $\perp$ | $\perp$            | _  |                 |                 | $\bot$         |          |
| <u> </u>             | 12       | /            | Н               | _        | _            | 4       | $\perp$ | $\bot$             | ▙            |          |       | 62        | $\sqcup$                |         | $\sqcup$        | $\dashv$      | +       | $\sqcup$        | _        |            |        | 112        | $\perp$         | $\bot$  |                    | _  | _               | Ш               | 4              | ᅴ        |
|                      | 13       | Z            | $\vdash$        | _        | +            | +       | +       | +                  | $\vdash$     |          |       | 63        | $\vdash \vdash$         | $\bot$  | $\sqcup$        | $\dashv$      | +       | $\vdash \vdash$ | _        |            |        | 113        | _               | $\perp$ | $\bot$             | _  |                 | $\sqcup$        | $\dashv$       | _        |
| <b> </b>             | 14<br>15 | 1            | -               | _        | +            | +       | +       | +                  | $\vdash$     |          |       | 64<br>65  | $\vdash$                | +       | $\sqcup$        | +             | +       | $\vdash$        | $\dashv$ |            |        | 114        | $\perp$         | +       | +                  | -  | $\vdash$        | $\vdash \vdash$ | $\dashv$       | $\dashv$ |
| <u> </u>             | 16       | 1            | -               |          | +            | +       | +       | +                  | $\vdash$     |          |       | 66        | -                       | +       | $\vdash \vdash$ | $\dashv$      | +       | ++              | 긕        | 7.74       |        | 115<br>116 | +               | +       | +                  | $\vdash$   | $\vdash$        | $\vdash \vdash$ | $\dashv$       | $\dashv$ |
|                      | 17       | 0            | Н               | +        | +            | +       |         | +                  | <del> </del> |          |       | 67        |                         | +       | $\vdash \vdash$ | $\dashv$      |         | +               | $\dashv$ |            |        | 117        | +               | +       | ╁                  | ┼  |                 |                 | $\dashv$       | $\dashv$ |
|                      | 18       | /            | Н               |          | +            | +       | +       | ╁                  | ├-           |          |       | 68        | $\vdash$                | +       | Н               | $\dashv$      |         | ++              | -        |            |        | 118        | $\dashv$        | +       | +                  | ╁  |                 |                 | -+             | ㅓ        |
|                      | 19       | -            | Н               |          | +            | +       | +       | +                  | ┢            |          |       | 69        | $\vdash$                | +       |                 | -             | +       | $\vdash$        | $\dashv$ |            |        | 119        | $\dashv$        | +       | +-                 | ╁  | ┢               | $\dashv$        | $\dashv$       | $\dashv$ |
|                      | 20       | 1            |                 | 7        | $\dashv$     | +       | +       | +                  | $\vdash$     |          |       | 70        | H                       | +       | Н               | +             | +       | 1               | -        | 3 4 4      |        | 120        | $\dashv$        | +       | +                  |  |                 | $\vdash$        | $\dashv$       | $\dashv$ |
|                      | 21       | <u> </u>     | H               |          |              | ╅       | T       | $\top$             | T            |          |       | 71        |                         | +       | H               | $\dashv$      | +       | ${}^{\dagger}$  | $\neg$   |            |        | 121        | $\dashv$        |         | $\top$             | $\vdash$   |                 | $\vdash$        | $\dashv$       | ᅱ        |
|                      | 22       | T            | Ħ               |          |              |         | 1       | 1                  | $\vdash$     |          |       | 72        |                         |         | П               | 一             | +       | $\Box$          |          |            |        | 122        |                 | 十       | $\top$             | t  |                 | _               | $\dashv$       | $\dashv$ |
|                      | 23       |              | П               | 寸        |              |         | T       |                    |              |          |       | 73        |                         | 1       |                 | T             |         | П               |          |            |        | 123        |                 | $\top$  | 1                  |  |                 |                 | 寸              | ᅥ        |
|                      | 24       |              |                 |          |              | Ť       | T       | ŀ                  |              |          |       | 74        |                         | Ť       |                 |               |         | $\Box$          |          |            |        | 124        |                 | ┪       |                    |  |                 |                 | 寸              | $\neg$   |
|                      | 25       |              |                 |          |              |         |         |                    |              |          |       | 75        |                         |         |                 |               |         | П               |          |            |        | 125        |                 | İ       |                    |  |                 |                 | T              | ヿ        |
|                      | 26       |              |                 | ·        |              | $\perp$ |         |                    |              |          |       | 76        |                         |         |                 |               |         |                 |          |            |        | 126        |                 |         |                    |  |                 |                 | $\Box$         |          |
| L                    | 27       | ┖            | Ш               | _        |              | ┵       | $\perp$ |                    |              |          |       | 77        |                         |         |                 |               |         |                 | $\Box$   |            |        | 127        |                 |         |                    |  |                 |                 |                |          |
|                      | 28       | <u> </u>     | Ш               | $\dashv$ | $\perp$      | _       | $\perp$ |                    | L.           |          |       | 78        |                         |         | Ш               | _             | 4       | $\sqcup$        | _        |            |        | 128        |                 | _ _     |                    |  |                 |                 | _              |          |
| <u> </u>             | 29       | <u> </u>     | Ш               | $\dashv$ |              | $\bot$  | $\bot$  |                    | <u> </u>     |          |       | 79        |                         | 1       |                 |               | $\bot$  | Ш               | _        |            |        | 129        |                 |         | $\bot$             |  |                 |                 | _              | _        |
| <u> </u>             | 30       | <u> </u>     | Н               | -        | _            | +       | +-      |                    | <u> </u>     |          |       | 80        | $\vdash$                | +       |                 | _             | 4       | $\sqcup$        | _        |            |        | 130        | _               | $\bot$  | <b>-</b>           |  |                 |                 | $\dashv$       | _        |
| <u> </u>             | 31       | ⊢            | -               |          | -            | +       | +       | -                  | <u> </u>     | 1 july 1 |       | 81        | -                       | +       |                 | _             |         | $\vdash$        | _        | 3 1        |        | 131        |                 | _       | -                  |  | Ш               |                 | -              |          |
|                      | 32<br>33 | +-           |                 | $\dashv$ | +            | +       | +       | +                  | ├            |          |       | 82<br>83  | $\vdash$                | +       | $\vdash$        | -             | +       | $\vdash \vdash$ | 4        |            |        | 132<br>133 | +               | +       | +                  | ₩  | -               |                 | -              | 긕        |
| <u> </u>             | 34       | ├            | $\vdash \vdash$ | $\dashv$ | +            | +       | +       | +                  | ├            |          |       | 84        | $\vdash$                | +       | $\vdash$        | -+            | -       | $\vdash$        | 4        |            |        | 133        | +               | +       | +                  | <del>                                     </del> | $\vdash$        | $\vdash$        | $\dashv$       | $\dashv$ |
| -                    | 35       | t            | $\vdash$        | $\dashv$ | +            | +       | +       | +                  | $\vdash$     |          |       | 85        | $\vdash$                | +       | $\vdash$        | $\dashv$      | +-      | +-+             | $\dashv$ |            |        | 135        | $\dashv$        | +       | +                  | -  | $\vdash$        | $\vdash$        | -+             | $\dashv$ |
|                      | 36       | T            | $\vdash$        | -+       | $\dashv$     | +       | +       | +                  | H            |          |       | 86        | $\vdash$                | +       | H               | $\dashv$      | +       | +               | $\dashv$ | . }        |        | 136        | +               | +       | +                  | $\vdash$   | -               | -               | $\dashv$       | $\dashv$ |
|                      | 37       | 1            | $\vdash$        | $\dashv$ | +            | +       | +       | +                  | $\vdash$     | 4        |       | 87        | $\vdash$                | +       | H               | $\dashv$      | +       | $\vdash$        | $\dashv$ | ŀ          |        | 137        | +               | +       | +                  | $\vdash$   | $\vdash$        | +               | $\dashv$       | $\dashv$ |
|                      | 38       |              | П               | $\dashv$ | $\top$       | $\top$  | 十       | $\top$             |              |          |       | 88        | $\vdash$                | +       | H               | $\dashv$      | +       | ++              | $\neg$   | ŀ          |        | 138        | $\dashv$        | +       | +                  | t  | Н               | $\dashv$        | $\dashv$       | $\dashv$ |
|                      | 39       |              | П               | $\dashv$ | 十            | Т       | T       | $\top$             |              |          |       | 89        |                         | $\top$  | П               | $\dashv$      | $\top$  | † †             | $\neg$   | t          |        | 139        | $\dashv$        | $\top$  | T                  | T  | H               | H               | 十              | $\dashv$ |
|                      | 40       |              |                 | 丁        |              |         |         |                    |              |          |       | 90        |                         | T       |                 |               |         | $\sqcap$        |          | İ          | $\neg$ | 140        | $\neg \uparrow$ | 十       | 1                  |  | П               |                 | $\dashv$       |          |
|                      | 41       |              |                 |          | $oxed{\Box}$ | Ι       | I       | $oxed{\mathbb{L}}$ |              | ]        |       | 91        |                         | I       |                 | $\Box$ $\Box$ |         |                 |          | · _[       |        | 141        |                 |         | Ι                  |  |                 |                 | 寸              | $\neg$   |
| [                    | 42       | L            | Ш               | $\bot$   | $\perp$      | $\perp$ | L       | $\prod$            |              |          |       | 92        |                         | $\perp$ | П               | $\Box$        |         |                 |          |            |        | 142        |                 |         | $oxed{\mathbb{L}}$ |  |                 |                 |                |          |
|                      | 43       | _            | Щ               | $\perp$  |              | 1       |         | $\perp$            | L            | -        |       | 93        |                         | 1       | Ш               | $\perp$       |         |                 | ╝        |            |        | 143        | $\Box$          |         |                    |  |                 |                 | $\Box$         |          |
|                      | 44       | $oxed{oxed}$ | Щ               | _        |              | $\perp$ | $\bot$  | 1                  | <u> </u>     |          |       | 94        | $\sqcup \!\!\! \perp$   | 4       | Ш               |               | $\perp$ |                 | _        | Ţ          | [      | 144        |                 | _       | 1                  | $\Box$   | Ш               |                 | $\bot$         |          |
|                      | 45       | <u> </u>     | $\sqcup$        | -        | $\perp$      | $\bot$  | +       | $\perp$            | _            |          |       | 95        | $\perp \perp$           | $\bot$  | Ш               | $\bot$        |         | $\sqcup$        | _        |            |        | 145        |                 | $\perp$ | 1_                 | 匚  | Ш               |                 | $\dashv$       | $\sqcup$ |
|                      | 46       | -            | $\vdash \vdash$ | $\dashv$ | _            | +       | +       | -                  | H            |          |       | 96        | $\vdash \vdash$         | $\bot$  | $\sqcup$        | _             | —       | $\sqcup$        | _        |            |        | 146        | $\perp$         | $\perp$ | 4_                 | _  |                 |                 | _              | _        |
|                      | 47       | $\vdash$     | $\vdash \vdash$ | $\dashv$ | +            | +       | +-      | +                  | <u> </u>     |          |       | 97        | $\vdash \vdash$         | +-      | $\sqcup$        | -             | +       | $\vdash \vdash$ | 4        | -          |        | 147        | +               | +       | $\bot$             |  | $\sqcup$        | _               | 4              | _        |
| $\vdash\vdash\vdash$ | 48<br>49 | -            | $\vdash$        | $\dashv$ | +            | +       | +       | +                  | -            |          |       | 98        | $\vdash \vdash$         | +       | $\vdash \vdash$ | +             | +       | $\vdash$        | $\dashv$ | -          |        | 148        | +               | +       | +                  | <b> </b>   | $\vdash$        |                 | $\dashv$       | 4        |
|                      | 50       | -            | $\vdash$        | $\dashv$ | +            | +       | ╫       | +                  |              |          |       | 99<br>100 | +                       | ┿       | $\vdash$        | +             |         | $\vdash$        | $\dashv$ | ŀ          |        | 149        | _ ‡             | +       | +-                 | $\vdash$   | $\vdash \vdash$ |                 | $\dashv$       | $\dashv$ |
| ш                    | 50       |              | بـــا           |          |              |         | ᆜ       | _L                 | لبا          | ı l      |       | 100       |                         | _L      | لـــا           | 1             | Щ.      |                 |          | L          |        | 150        |                 |         |                    | L  |                 |                 | $\perp$        |          |